FlexWriter SE4



CD-DVD PUBLISHING UNIT

Set Up Guide



1.0 HARDWARE SETUP

1.1 Accessory Pack

Before starting the installation, please verify the following accessories are included in the accessory pack. Please contact our service center immediately if any of the items shown below are missing.

- 1. Color Inkjet Cartridge for Disc Printer (27C)
- 2. Black Inkjet Cartridge for Disc Printer (26B)
- 3. USB Cable
- 4. Firewire© Cable
- 5. PCI Firewire© Card
- 6. Printer Fan Filter—Spare
- 7. AC Power Cords (2)
- 8. Printer Power Module
- 9. Registration Card—Warranty
- 10. Discus Install CD
- 11. FlexWare Install CD
- 12. Manual
- 13. Input Spindles (3) and Output Spindle (1)

Order replacement cartridges online www.discink.com



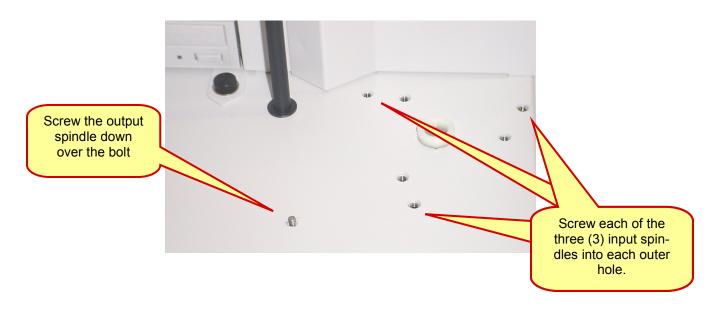


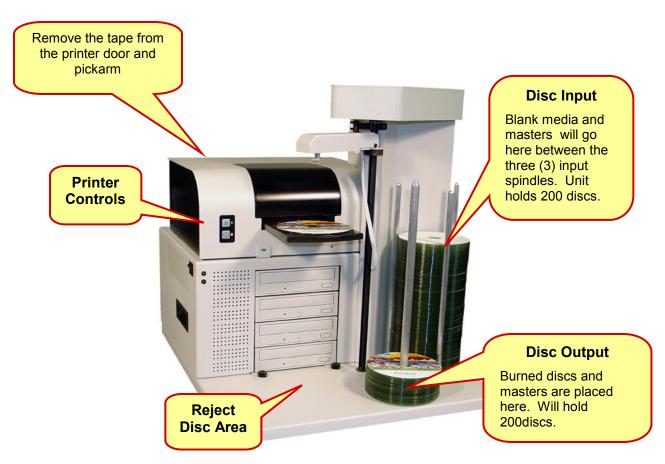
There may be slight variations in the appearance of each item.



1.2 Attach Spindles & Remove Tape

Please install the input and output spindles that were packaged in the accessory pack as shown below.







<u>www.amtren.com</u> Page 3

1.3 <u>Install PCI Firewire© Card</u>

You will need to install the PCI Firewire® card in your PC. Please refer to the documentation that came with your PC if necessary. Windows XP will install the necessary drivers for the Firewire® card automatically.



Carefully install the provided Firewire© card in an available PCI slot in your PC.



1.4 Connect the Cables and Apply Power

Plug the Firewire© cable into the connector labled "Firewire©" to PC on the rear of the FlexWriter unit. Plug the other end of the Firewire© cable into a Firewire© port on your PC.

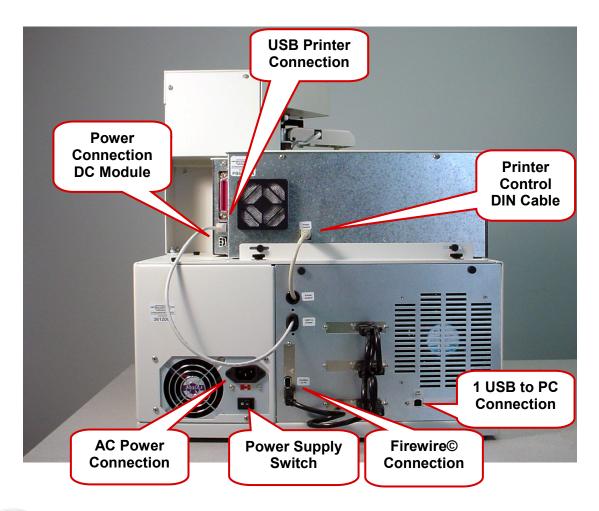
Plug the USB cable into the connector labeled "USB to PC" located on the rear of the FlexWriter unit. Connect the other end of the USB cable into available USB port on your PC.

Plug the power cord into the power supply of the FlexWriter, also located on the rear side. Plug into a standard 115V AC outlet. Use of a common plug strip with AC filtering, as is common with most high-end computers, is recommended for the FlexWriter.



NOTE: If the unit is to be located in an area where the utility or power company experiences frequent outages, utilizing a UPS is strongly recommended.

Plug the second power cord into the AC power adapter that was provided with the disc printer and plug into a standard 115V AC outlet. Plug the other end into the power connector on the rear of the printer.





www.amtren.com Page 5

1.5 Review Connections

Please review your entire unit and be sure that you have the following:

USER CONNECTION

Two power connections

- 1. AC power to the publisher unit
- 2. AC power to the printer's power supply module DC output to the printer unit

1 USB cable connected to your PC

USB cable from your PC connects to the USB ports on the rear of the FlexWriter labeled "USB to PC."

1 Firewire© cable connected to your PC

4. Firewire© cable from your PC connects to the Firewire© ports on the rear of the Flex-Writer labeled "Firewire© to PC."

FACTORY CONNECTION



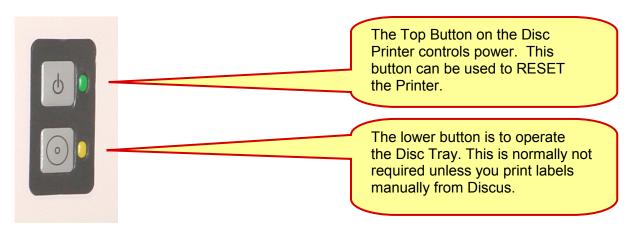
- 5. Printer control cable (5 Pin DIN) connects the base autoloader to the printer.
- 6. USB printer cable connects the printer to the base autoloader.

NOTE: The cables listed in numbers 5 and 6were factory connected, please verify their connection.



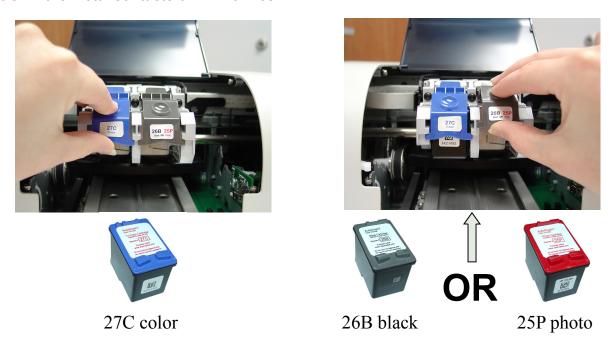
1.6 <u>Install Cartridges</u>

The Disc Printer powers up automatically, you do not need to press any buttons.



Lifting up the front plastic cover of the printer will cause the ink cartridge holder to slide into the center of the opening, thus enabling you to replace the ink cartridges.

Unpack the included ink cartridges. Be sure to remove the tape from the cartridges. **DO NOT TOUCH** the metal contacts or ink nozzles.



The color cartridge, 27C slides in the front of the left cartridge holder. The black cartridge, 26B **OR** the photo cartridge, 25P, slides in the front of the right cartridge holder. Please see the next pages for cartridge installation details.

The ink cartridges used by the Disc Printer can be ordered online anytime day or night. Ground Shipping is free and orders generally ship the same day. Go to www.discink.com for complete details. You may also call discink.com toll free 800-392-4659.

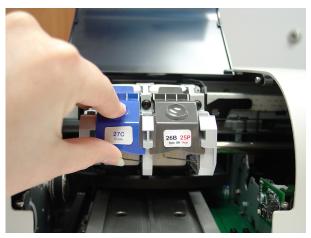




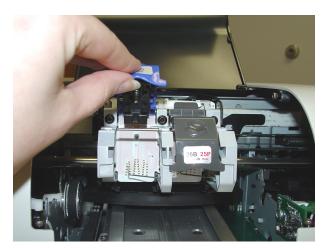
Open the front cover.



The cartridge holder will slide to the center.



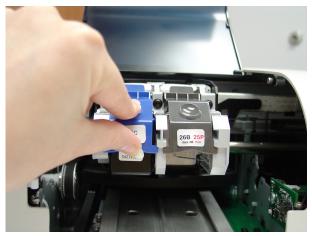
Gently pull the color (left) cartridge holder latch, marked 27C forward and upward.



Raise the cartridge holder latch.



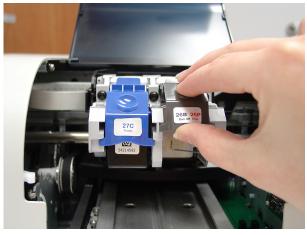
Gently slide the color cartridge, marked 27C, into the front of the left cartridge holder.



Close the latch until it snaps shut.



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Repeat the previous steps to install the black cartridge, marked 26B, in the right cartridge



Close the printer door. The printer will initialize the cartridges.







26B black

25P photo

Six Color Photographic Printing!

For even higher quality, 6-color printing, order the optional 25P photo cartridge instead of the black 26B cartridge.





The printer may take a minute to initialize the cartridges, during which time the LEDs will blink and the carriage will move.

After the ink cartridges are successfully installed, the yellow LED will shine steadily.

If the yellow LED continues to flash—remove and reinsert the cartridges.

Order replacement cartridges online www.discink.com



2.0 DRIVER INSTALLATION

2.1 **Load Installation CD into PC CD ROM Drive**

Locate the Installation and Support CD ROM, insert into your PC's CD ROM drive and it will automatically open to a setup screen.



NOTE: If your CD ROM drive is not set to auto-play, open the CD ROM and click on "click here.htm."

Verify that you have the following Install CD's. (Discus will be needed later in the setup.)







Once the installation CD is deployed, you will have several options displayed on the screen.

Each of these options is briefly outlined on the following pages.



<u>CAUTION!! DO NOT CLICK OR MAKE ANY SELECTIONS UNTIL THE HARDWARE DRIVERS HAVE BEEN INSTALLED IN THE NEXT STEP.</u>



Before You Begin

Gather the materials needed for your first job. You will need INKJET PRINTABLE CDR OR DVDR's, a disc that you want to copy, artwork (photos) to be used in the label application and in as little as 15 minutes you will have create your first CD or DVD. You are encouraged to use the FlexWare Wizard, which is a step by step interactive guide. The Wizard is at the top of each module you open. You will be pleasantly surprise how easy this system is to learn.

Support & Resources

Phone Support 1-888-320-4361
Email support support@amtren.com
Register Online Download Center

In the <u>Download Center</u> you will also find the latest versions of all our software and drivers for future upgrades.

Installation Step 1

Connect the USB cables to your PC, turn on your system and allow Windows XP to install the Autoloader and Printer Drivers.

Installation Step 2

Lift the printer door, install the cartridges and close the door.

Installation Step 3

Install FlexWare CD-DVD
Publishing Software.
RESTART YOUR PC AFTER
INSTALLATION.
Next insert and install Discus.



2.2 Install Drivers

Once power is applied, the system will automatically install the following drivers:

- 1. USB drivers for controlling the autoloader.
- 2. USB high speed serial converter.
- 3. USB drivers for the autoloader's writing drives.
- 4. USB driver for the USB 2.0 hub.
- 5. USB driver for the disc printer.

All of these drivers are required for the proper operation of the duplicator. Once the installation process begins, please allow each pop up to continue. DO NOT cancel any install dialogues that appear. Once the drivers are successfully installed, Windows will display a message stating, "Your new hardware is installed and ready to use."



Ensure that all the cables are properly connected and that the Installation and Support CD is in your computer's CD-ROM drive. Turn on the FlexWriter by using the power switch located on the left side of the unit (picture on page five). The green LED on the front of the unit should light up. If the unit does not power on, ensure that the power supply switch located at the rear of the unit is turned on.

- Minimize the Installation and Support web page, if necessary.
- Follow the on screen directions to install all the necessary drivers.
- Allow Windows to install the drivers automatically.
- Do not allow Windows to check the Internet for drivers.
- Click OK when Windows warns that the drivers have not passed XP certification.

If necessary, refer to the Troubleshooting section at the end of the manual for more detailed instructions for the installation of the drivers.



www.amtren.com Page 12

3.0 SOFTWARE INSTALLATION PROCEDURES

Now that you have installed the drivers the following Software Packages require installation:

Please follow the instructions on the Installation CD.



flexWriter

CLICK HERE TO PREVIEW AMTREN
CORPORATION'S VIDEO INTRODUCTION

INSTALLATION AND SUPPORT

Before You Begin

Gather the materials needed for your first job. You will need INKJET PRINTABLE CDR OR DVDR's, a disc that you want to copy, artwork (photos) to be used in the label application and in as little as 15 minutes you will have create your first CD or DVD. You are encouraged to use the FlexWare Wizard, which is a step by step interactive guide. The Wizard is at the top of each module you open. You will be pleasantly surprise how easy this system is to learn.

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Installation Step 1

Connect the USB cables to your PC, turn on your system and allow Windows XP to install the Autoloader and Printer Drivers.

Installation Step 2

Lift the printer door, install the cartridges and close the door.

Installation Step 3

Install FlexWare CD-DVD
Publishing Software.

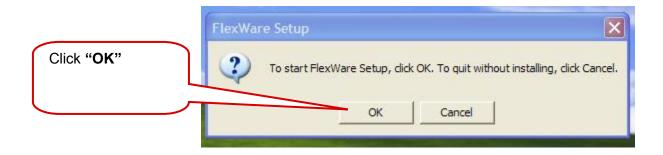
RESTART YOUR PC AFTER
INSTALLATION.

Next insert and install Discus.



3.1 <u>Install FlexWare Software Suite</u>

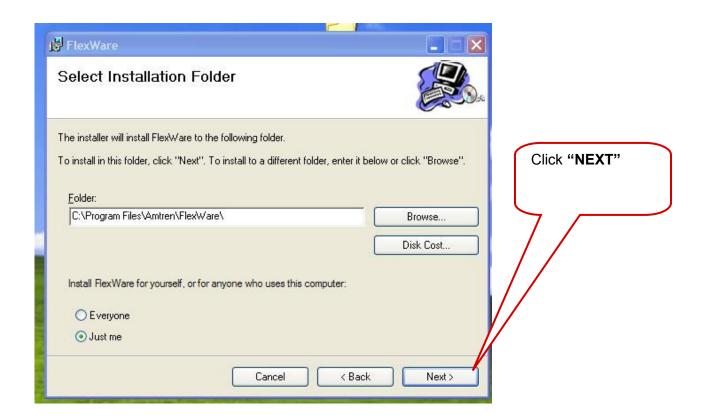
The following screen shots indicate the typical installation process for FlexWare. Remember to reset or restart your computer once FlexWare completes installation.

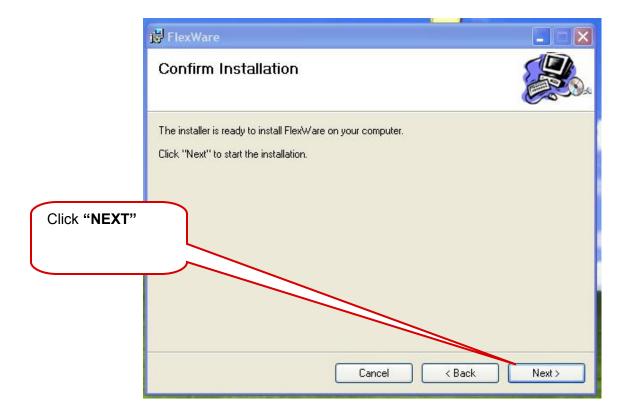




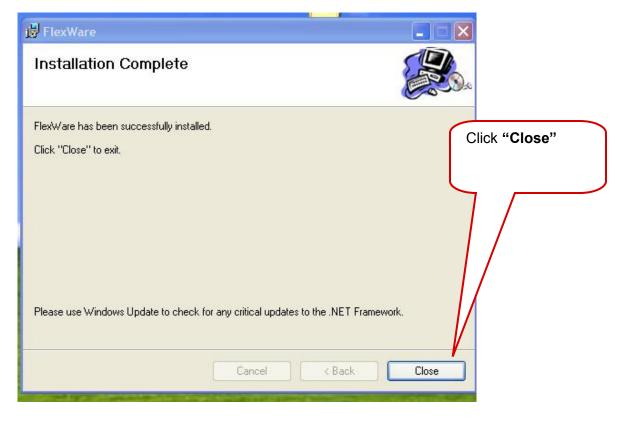


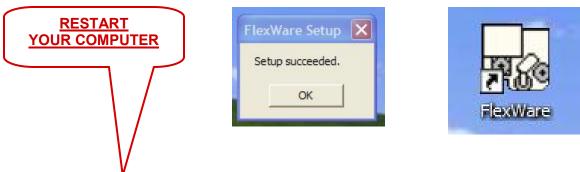
<u>www.amtren.com</u> Page 14











Remove the Installation and Support CD and reboot your computer.

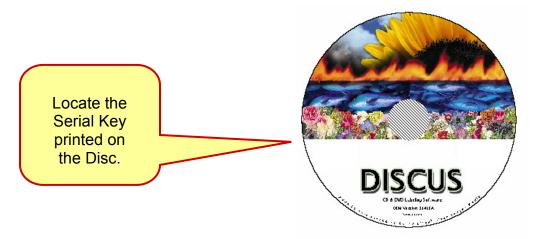


ATTENTION! YOU WILL NEED TO ALLOW THE PC TO RESTART ONCE FLEXWARE
HAS FINISHED INSTALLING. THE SYSTEM WILL NOT FUNCTION WITHOUT THIS
RESTART.

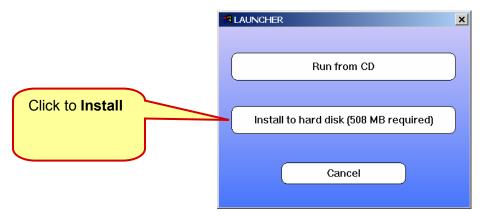


3.2 Installation of Discus Labeling Software

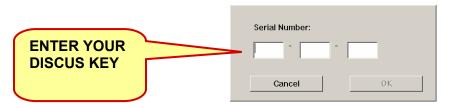
Insert Discus CDROM into PC CD Drive.



The menu below will be displayed. Choose install to hard disk. If your CDROM drive is not set to auto play, open the CDROM and click on *Launcher.exe*.



Once the Discus installation is complete, a Discus icon will be placed on your desktop. Click on the Discus icon and verify that Discus installed correctly. The following screen will appear.





ATTENTION: Your Discus Key can be found on the label of the Discus Install CD.

Type in your Discus key and click the OK button. Close Discus and remove the CDROM. You will now be able to access Discus when you are using FlexWare. FlexWare will automatically locate Discus.



4.0 USE THE SYSTEM

You are now ready to start creating and duplicating CD/DVDs.

The next steps will take you through a typical setup and usage of the FlexWriter. It is recommended to follow these steps and produce a test job, then move on to the many other functions and features of the FlexWriter.

Load blank Ink Jet media onto the input spindle. The input spindle has three silver rods located around the outside edge of the media. Please be sure the media does not stick together and that the media lays flat in the input spindle.

Place a CD-R to be copied on top of the blank media in the input spindle. This will be the 'master' for this test run. Use of small image will allow the test run to be faster.

On the Desktop, click on the FlexWare ICON



You will see the FlexWare splash screen.

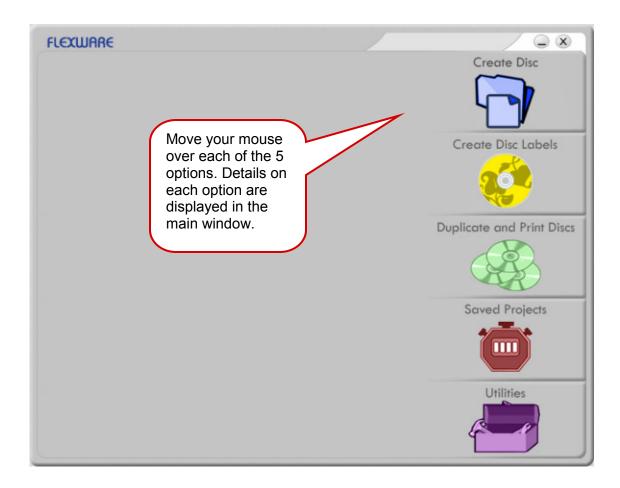




CAUTION: IF FLEXWARE DOES NOT DETECT THE AUTOLOADER UNIT AN ERROR MESSAGE WILL BE DISPLAYED. MAKE SURE THAT THE AUTOLOADER IS CONNECTED WITH ALL USB DRIVERS INSTALLED PROPERLY.



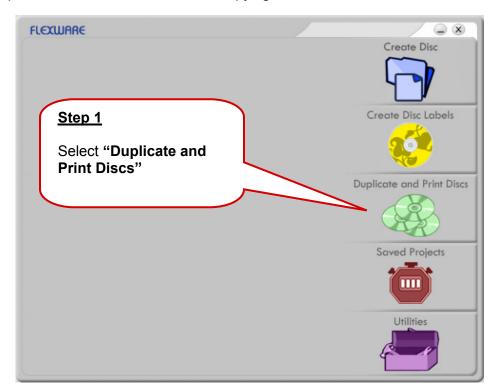
FlexWare's main menu window will open.

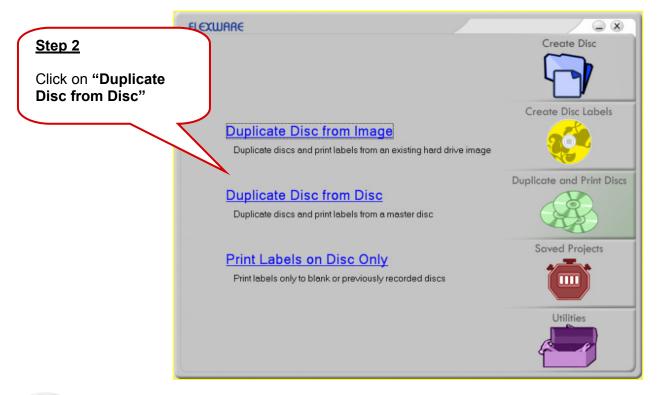




4.1 Creating and Duplicating Through Flexware

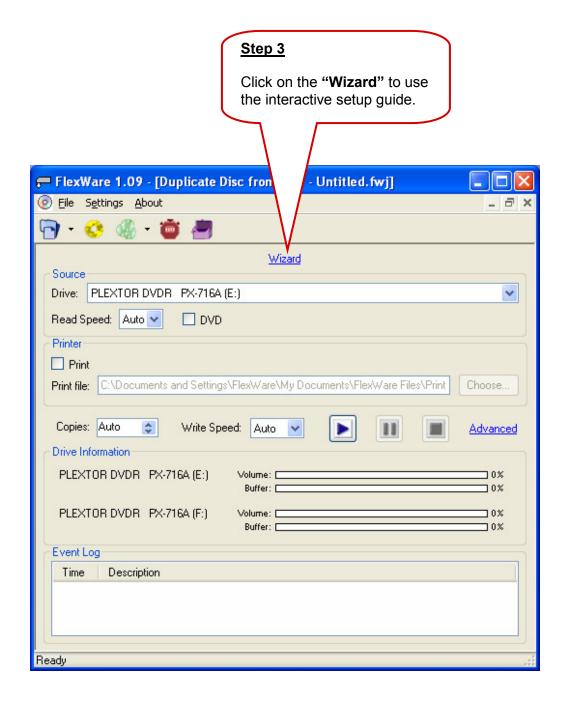
In order to provide the quickest example for using your system, the following step by step guide provides detailed information on copying a disc.





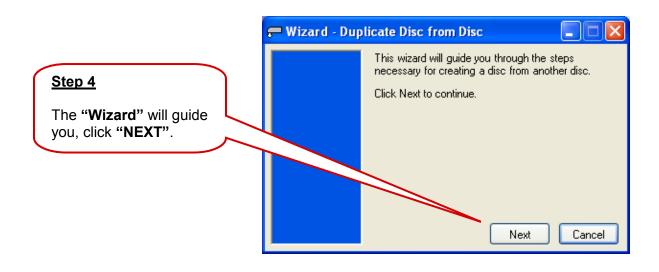


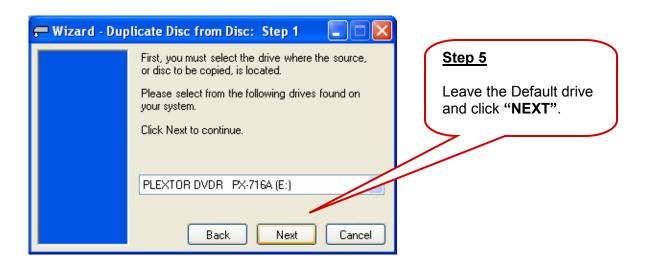
The Duplicate Disc from Disc window will open.



The wizard will guide you through setting up your duplication job.



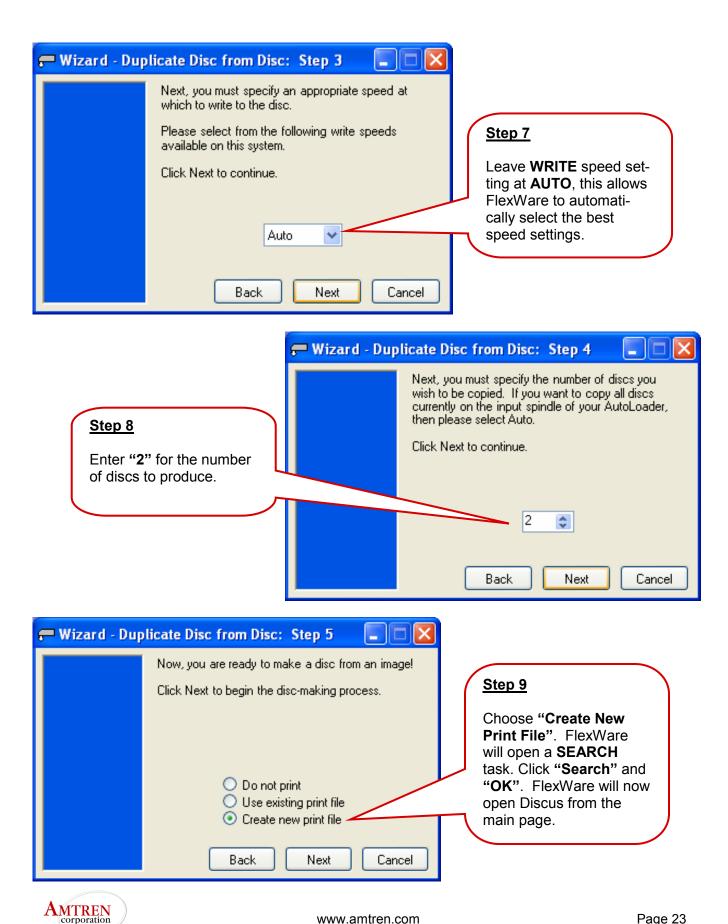








www.amtren.com Page 22



www.amtren.com Page 23

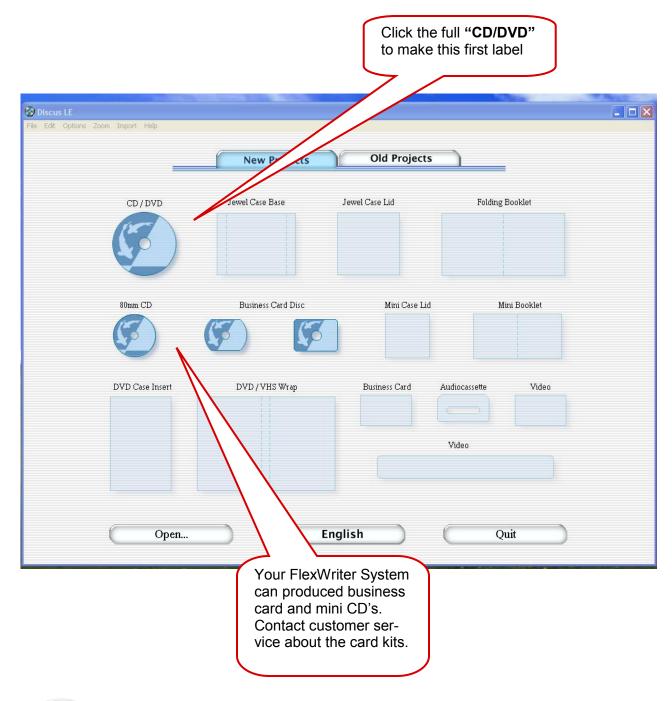
4.2 Labeling through Discus



<u>CAUTION: You must be using a Disc Printer in the following steps. If you are using another printer refer to the documentation that was included with your printer.</u>

When the Discus screen below opens, click on CD/DVD Label.

Choose the CD or DVD media type.

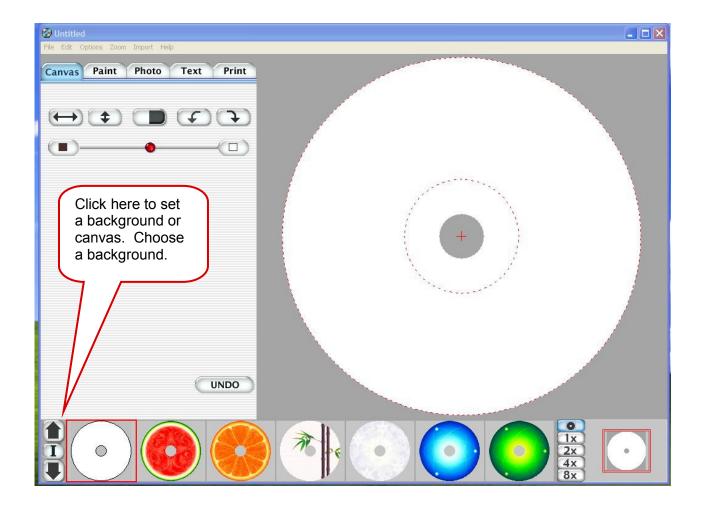




<u>www.amtren.com</u> Page 24

When you begin a label Discus will begin with the Background or Canvas folder. You can choose a canvas at the lower part of the display,

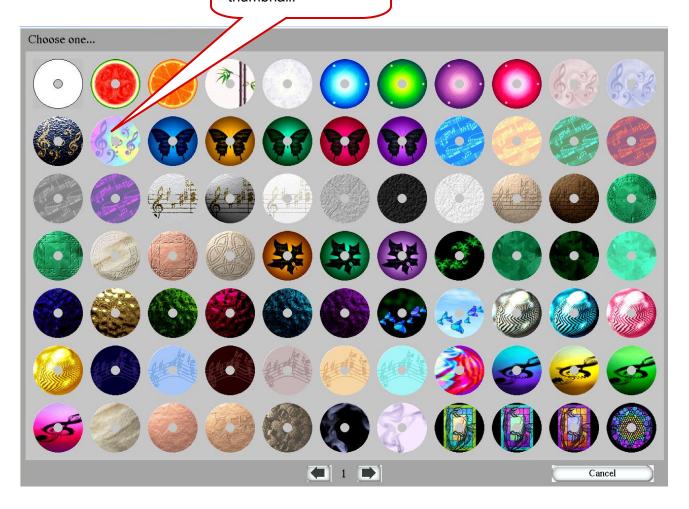
Place a background on the label.





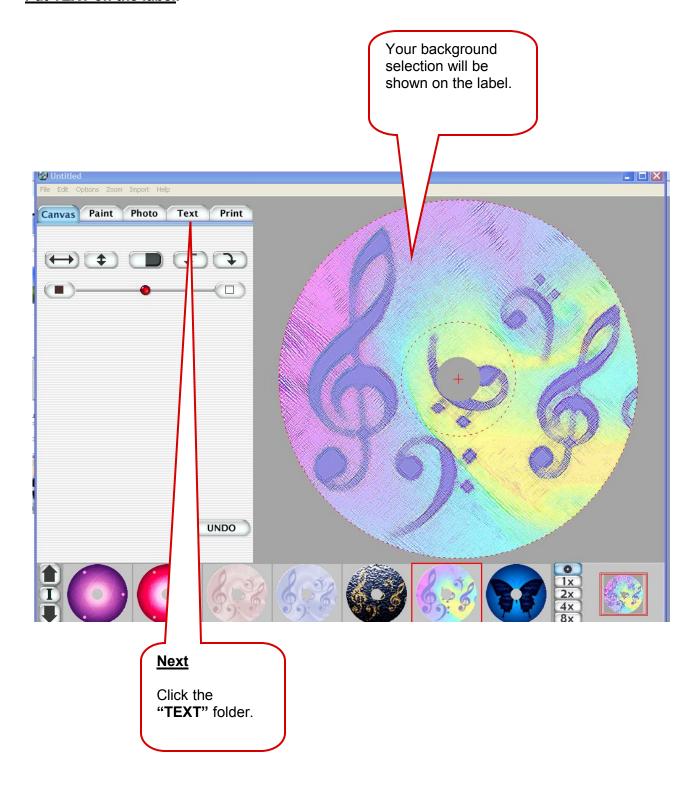
Choose a background.

Choose a background by clicking on the thumbnail.



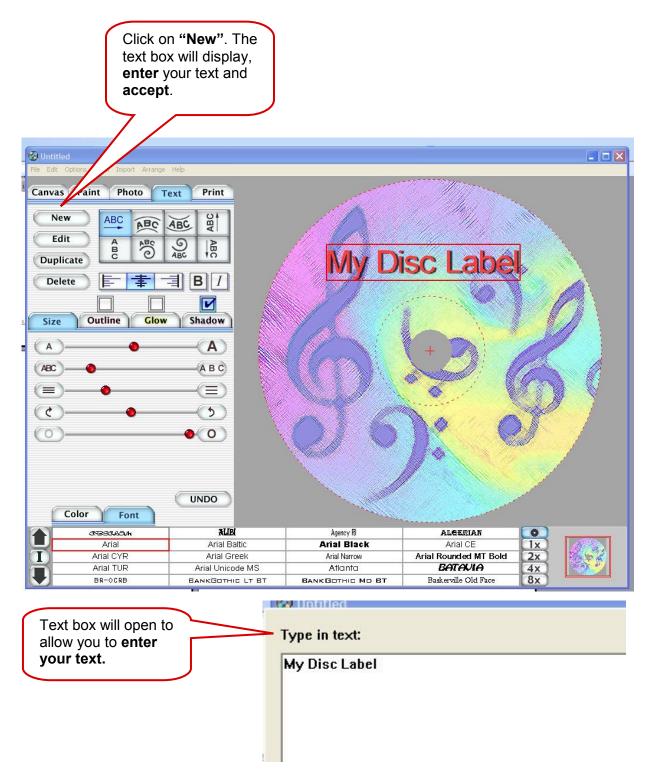


Put TEXT on the label.





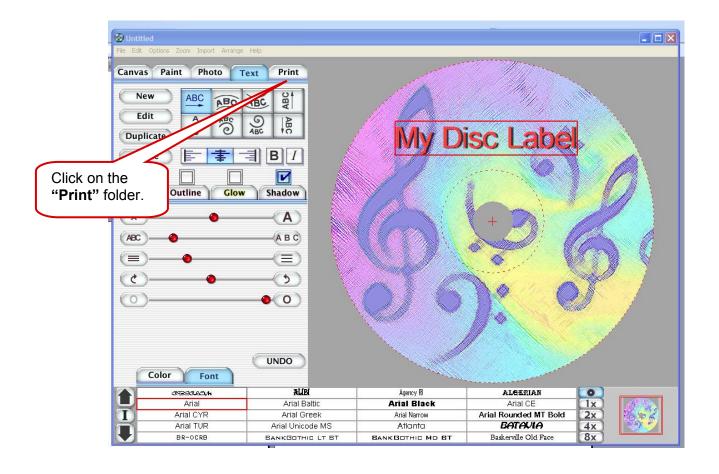
Put TEXT on the label.



Once the label has been designed, click on "file" and save the label to a convenient location. The recommended path to save to is: My documents/Flexware Files/Print Files

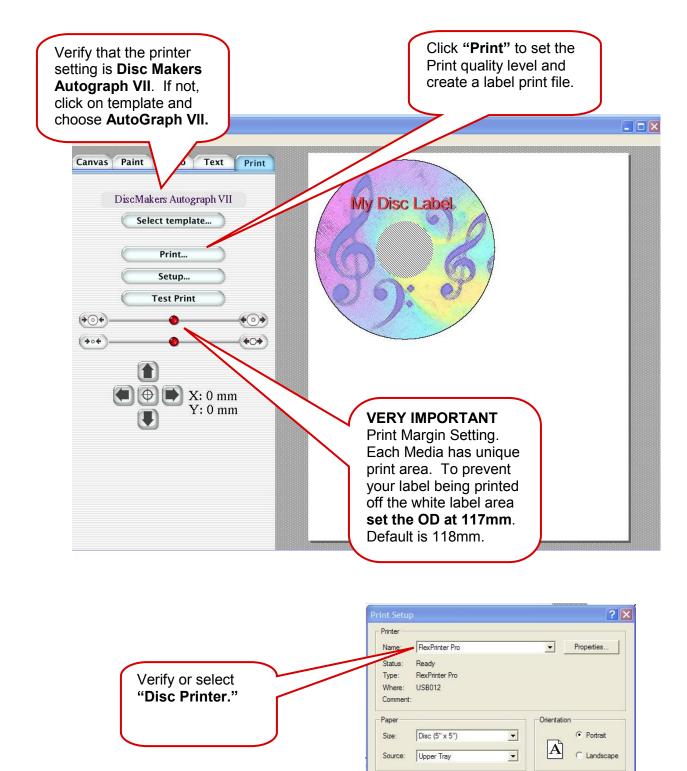


Print the label.





Finalize the Label Print AREA and Pinter Settings.





www.amtren.com Page 30

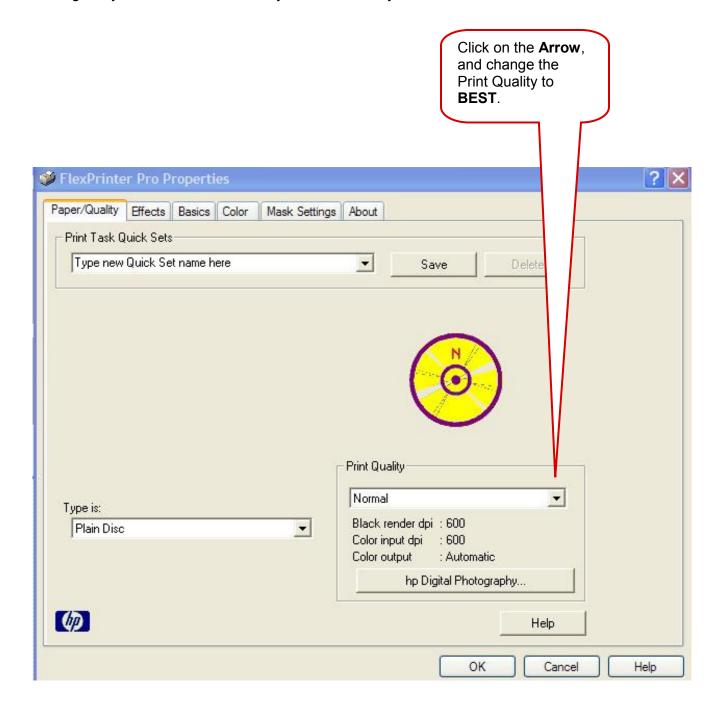
ОК

Cancel

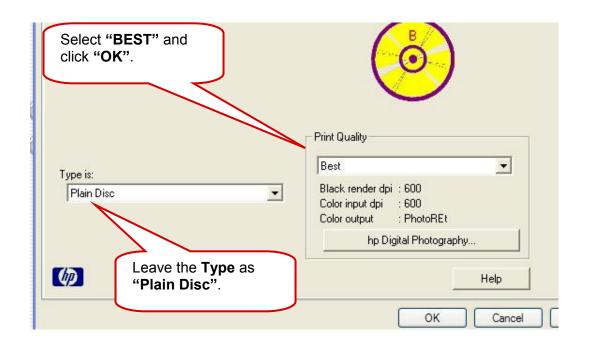
Network...

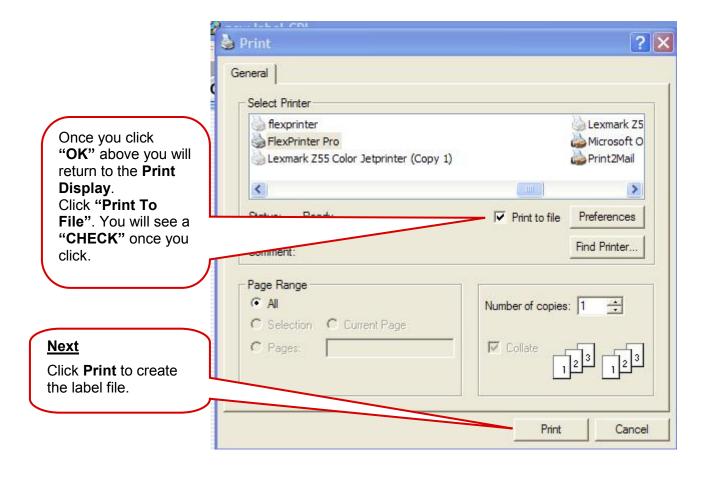
Set the Print Quality with the printer driver

There are three basic quality settings. Normal, Best and Maximum, For the best cost, quality and print time we recommend BEST, You can experiment with the other settings as you become familiar with your FlexWriter system.



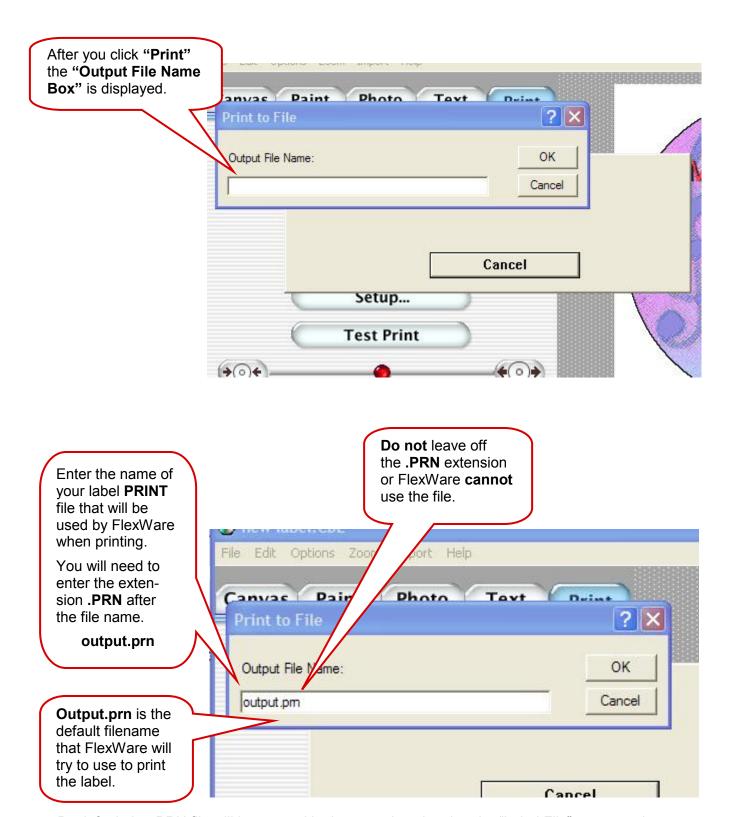








www.amtren.com Page 32

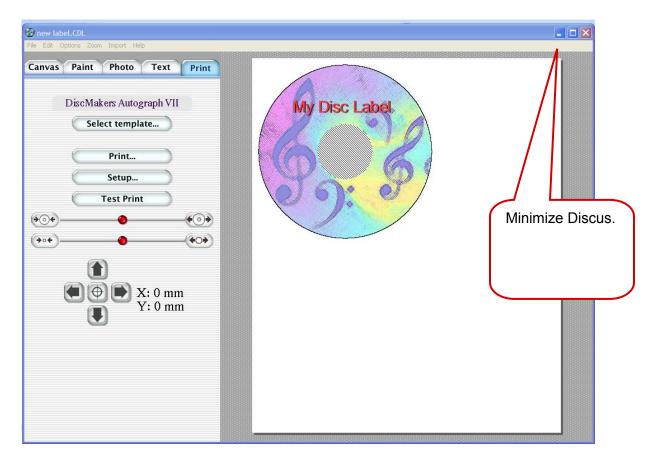


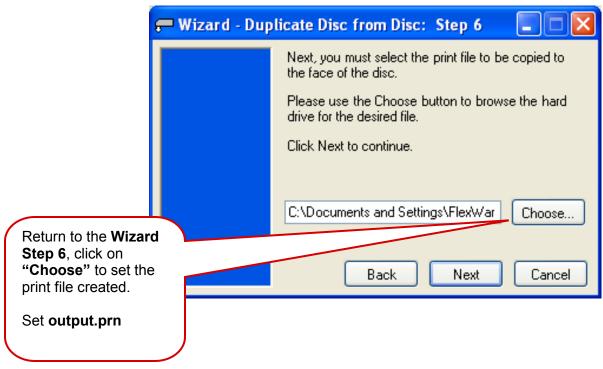
By default the .PRN file will be created in the same location that the "Label File" was saved.



www.amtren.com Page 33

Minimize Discus and set the Print File for FlexWare.





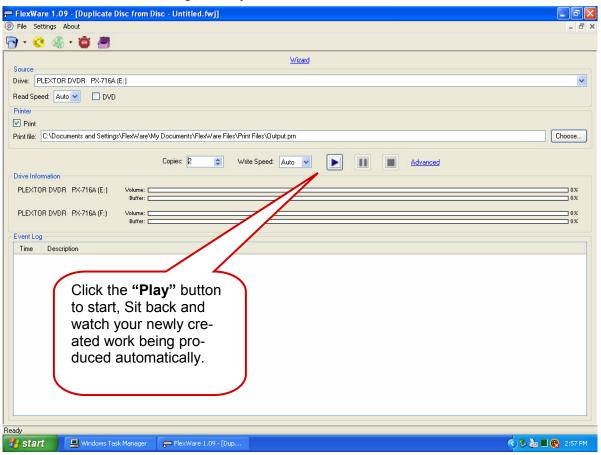
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4.3 Play or Run FlexWare

Once the Wizard has step you through all the steps, FlexWare will display the screen as indicated below. All items are preset based on the answers that you provided to the Wizard. You can review the selections that the wizard made.

Click on the **PLAY** button to begin the system.



The FlexWriter should move to the input spindle, pick up the 1st CD (your master) and place it into one of the recorders. The image on the CD will be copied to the hard drive. Then the CD master will be removed from the drive and placed on the output spindle. Then the FlexWriter will place a blank CD from the input spindle into each of your CD recorders. Next, the image will be recorded onto the media. After that, the FlexWriter will pick up the recorded disc from one of the recorders and carry it to the top of the column and wait for the disc printer to open. The recorded CD will be placed into the printer tray. The empty recorder will be reloaded with a blank CD from the input spindle. The CD will be printed. After printing, the FlexWriter will pick up the CD from the printer and place it on the output spindle. This will repeat for each of your recorders. This cycle will continue until all copies are completed.

Please observe the operation and verify that everything works smoothly. If anything does not work, back track and review your steps. If you cannot find the problem please call customer service and one of our technical support staff will gladly assist.

To learn all the features of FlexWare, use the Wizard on each module. This will provide a quick



www.amtren.com Page 35

5.0 TROUBLESHOOTING

The FlexWriter systems is comprised of basic components that all work together similar to a PC, Scanner and Printer configuration.

Generally any items that come up can be isolated to one of the following components:

- 1. PC System / Windows®
- 2. USB Interface / Writer Drive Connection
- 3. Autoloader Unit
- 4. Label Printer
- 5. FlexWare
- 6. Discus Labeling Software

If you have difficulty with any one of the systems, you can run separate tests on each to verify and correct the problem.

Please refer to the following pages for details about installing the drivers and hardware.

If you have any problems that you cannot solve, call our toll-free service line listed in the front of this manual.



5.1 Customer Minimum Hardware and Software Requirements

Desktop systems change rapidly and the FlexWriter was designed for use with PC systems that are relatively new models. It is recommended that you operate your new FlexWriter with the best possible hardware. This will ensure you a recording and printing system that will operate smoothly and efficiently.

The following are minimum requirements for the PC to which the FlexWriter is to be connected. These are very important. Due to the high speed of the writers, sufficient memory and FAST hard drives are required.



CAUTION! The computer that operates the FlexWriter requires that the hard drive be DEFRAGMENTED a minimum of once per week. If the drive is allowed to fragment files large DVD or CD images will be burned very slowly. This will result in low production from your system.

Minimum PC Requirements:

- ✓ 2.0 GHZ Celeron® Processor or equivalent
- ✓ 512 MB RAM
- √ 7200 RPM 40 GB hard drive with 30GB available¹
- ✓ One available USB port available for PCI slot for Firewire © card

Software Requirements:

- ✓ Microsoft Windows XP Professional
- ✓ Microsoft Windows XP Home
 - 1. Throughput performance is significantly increased if the host PC is equipped with a 10,000 RPM SATA or SCSI hard drive.

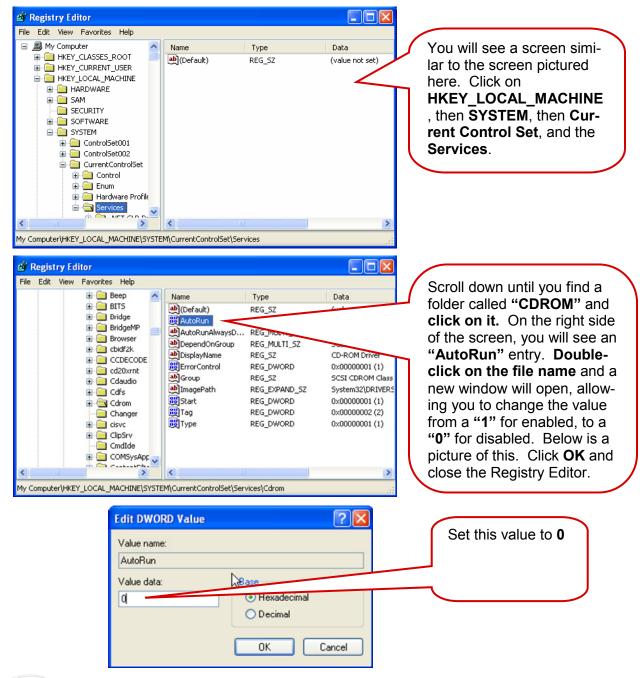


5.2 CUSTOMER PC SETTINGS

Disabling Auto-Insert Notification for your CD ROM Drives

If your computer automatically tries to play a music CD, or launch a program when a data CD is inserted into your CD ROM drive, then you will need to turn off your computer's "Auto-Run" feature. You **MUST** disable Auto-Run for the FlexWriter's recorder(s). Otherwise, when you insert a master CD to be copied, your computer will try to automatically play or run whatever is on that CD. One easy way to disable Auto-Run in Windows XP and 2000 is as follows:

Click on the Windows Start button, select Run, type "regedit" into the space, and then Click OK.





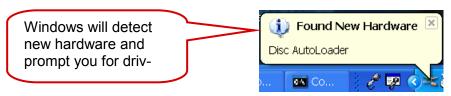
www.amtren.com Page 38

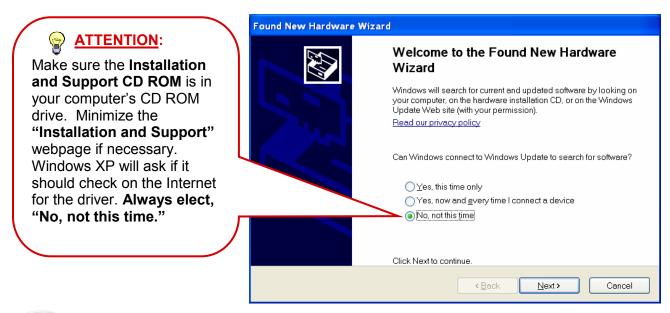
5.3 Troubleshooting: Driver Installation Details

During the installation process, Windows XP may ask numerous times if it should check on the Internet for drivers. Always select, "No, not this time."

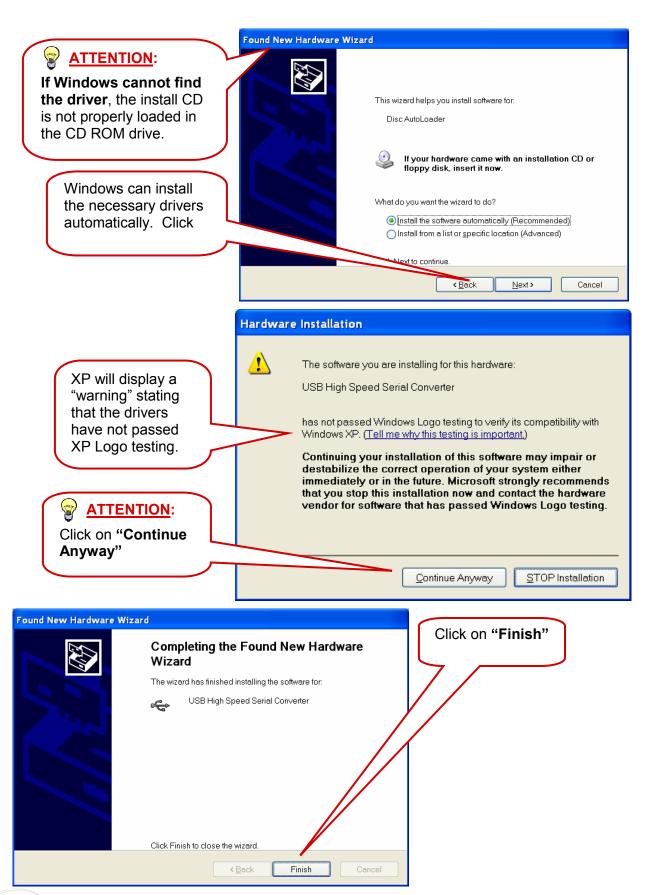


Ensure that all the cables are properly connected. Turn on the FlexWriter by using the power switch located on the left side of the unit (picture on page seven). The green LED on the front of the unit should light up. If the unit does not power on, ensure that the power supply switch located at the rear of the unit is turned on.

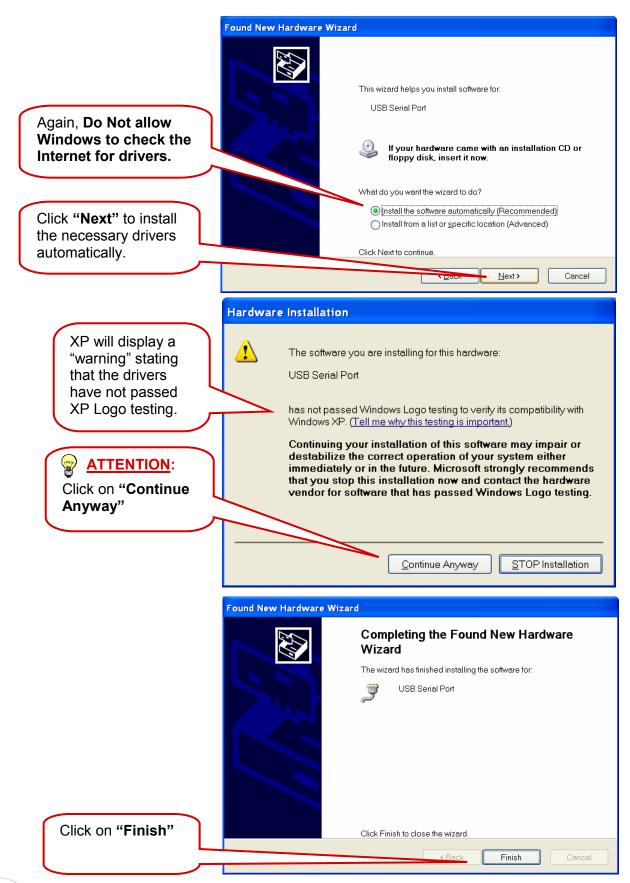








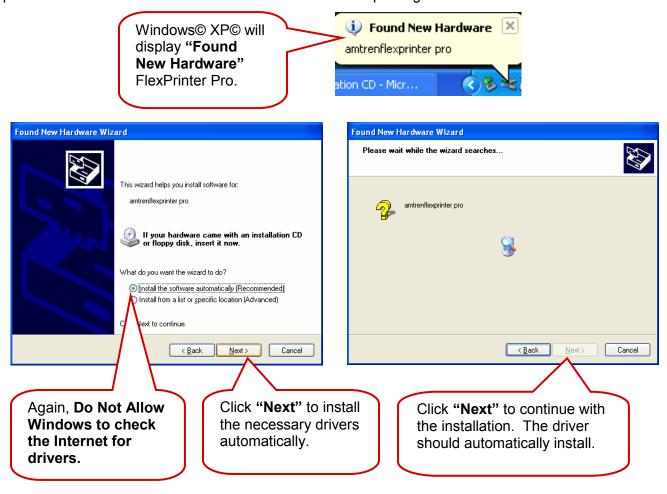






5.4 Troubleshooting: Printer Driver Installation

Windows will automatically install drivers for a "FlexPrinter Pro" which is the embedded printer that is incorporated with the FlexWriter. Please follow the directions on the following pages to install the Disc printer driver. Failure to do so could result in undesirable printing

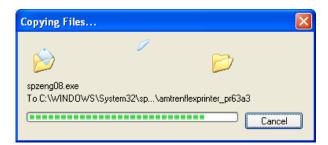






Page 42

The printer driver will be installed on your computer.







This completes the driver installation.



KEYBOARD "HOTKEYS" OPERATE FLEXWARE

Your FlexWriter system with FlexWare offers a very quick and efficient method of operating each task with basic keys on your keyboard.

KEY	FUNCTION
F5	Disc to Disc
F6	Write Image to Disc
F7	Write Disc to Image
F8	Print Label
Р	Enables Printing Function
D	Enables/Disable DVD (toggle)
S	Start/Pause



Page 44



Service, Help Desk and Contact Information

Our technical support team is here to help you every step of the way with your duplication system. Our goal is to minimize your downtime and maximize the return on your investment. If you run into any problems or have any questions, call us at **800-320-4361**

Tech Support Hours

9am to 5pm EST - Monday through Friday.

Call our tech support team toll free at 1-800-320-4361.

or email us at support@amtren.com

Visit our online HELP DESK anytime day or night. Enter the serial number of this unit and you will have a helpdesk account to that will allow you to submit questions or ask for support.

www.flexwriterhelp.com

Download manuals and software upgrades at

http://www.amtren.com/support.

Please register your unit by visiting

http://www.amtren.com/support



AMTREN CORPORATION 5320 Perimeter Parkway Montgomery, AL 36116 USA (334) 280-7100 www.amtren.com

01082007



LIMITED WARRANTY

AMTREN Corporation warrants that the unit is free from defects in materials and workmanship, and will make all necessary adjustments, repairs and parts replacement on an exchange basis under which replaced parts become the property of AMTREN Corporation, without charge, upon Buyer's request based on the following warranty periods:

For period of 12 months (365 Days) from buyer's purchase and receipt of a FACTORY NEW unit, For a period of 3 months (90 Days) from buyer's purchase and receipt of an OUTLET-REFURBISHED-DEMO unit.

This warranty will cover:

For SE/SA/Micro/MP Models the Autoloader/Robotics Components including the Mechanical Elevator, Lifting, Rotation, Drive and Picker Arm Components, DC Motors and Autoloader Controller and the ORIGINAL CDR or DVDR Writers. For SA models, this warranty will cover the Internal PC motherboard, internal Hard Drive and System Power Supply as provided with the original item. For units including a Disc Printer with the original purchase, this warranty will also cover the Disc Printer.

This warranty will not cover:

Consumables (such as ink cartridges and media);

Damage during original shipment. Shipping Damage must be reported to the shipping carrier that delivered your unit.

Damage caused by impact with other objects, dropping, falls, spilled liquids or immersion in liquids;

Damage caused by disaster such as fire, flood, wind, earthquake or lightning;

Damage caused by unauthorized attachments, alterations, modifications or foreign objects;

Damage caused by improper electrical connection;

Damage caused by electrical line disturbances (voltage fluctuations, brown outs and surges)

Damage caused by failure to provide a suitable installation environment for the hardware system;

Damage caused by the use of the unit for purposes other than those for which it was designed;

Damage caused from improper maintenance;

Damage caused from buyer applying lubrication on the Lubrication Free Pick Arm Drive Mechanism.

Damage caused by any other abuse, misuse, mishandling or misapplication.

Damage caused by shipments without the unit being correctly packaged in the original factory cartons.

For service covered under this warranty buyer must obtain a RMA (return material authorization) from AMTREN's Service Center. Buyer must provide adequate dated proof of purchase. Log on to the product support section on AMTREN's Website (www.amtren.com) for contact information. The warranted item must be returned in the original shipping carton or factory replacement with the RMA visible on the outside of the shipping carton, shipping prepaid and insured for original purchase price to AMTREN'S Service Center or dealer, where necessary repair and corrections will be performed; unit will then be repaired and returned to customer prepaid. AMTREN Corporation shall not be responsible for failure to render service due to causes beyond its control.

NOTICE – ANY UNIT THAT IS RECEIVED BY AMTREN THAT IS IMPROPERLY PACKAGED AND/OR SHIPPED WITHOUT THE ORIGINAL FACTORY SHIPPING CARTIONS OR FACTORY REPLACMENT PACKAGING WILL BE SUBJECT TO ADDITIONAL SERVICE CHARGES. In the event this does occur, the buyer will be informed of the charges before service work commences. If you do not have the original packaging please contact AMTREN Customer Service to purchase replacement packaging.

This warranty is not transferable and shall apply only to the original buyer and the original components. AMTREN Corporation shall not be required to adjust or repair any unit or part, if it would be impractical for AMTREN Corporation's personnel to do so because of alterations in the machines or device

The following acts will result in this warranty being discontinued, canceled and/or voided:

Sale, transfer or disposal of the original unit.

Removal of the Unit Serial ID label.

Removal of Warranty Labels attached to unit rear panel.

Any use or installation of CDR and/or DVDR drives not supported by the unit. (check with AMTREN before changing Writers)

Installation of unauthorized Writer Upgrades.

DISCLAIMER OF WARRANTIES: THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), ARE HEREBY DISCLAIMED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY AMTREN CORPORATION, ITS DISTRIBUTORS, DEALERS, AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.

THE LAWS OF THE STATE OF ALABAMA GOVERN THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY.

